

MicroTouch™

3M

MicroTouch™ M150 FPD Touch Monitor

TOUCH MONITORS



Product Highlights

- Maximum touch stability
- Display angle adjustable from 0 to 60 degrees
- Positive locking adjustment feature
- VESA mounting compatible
- Cable management designed in
- USB Controller option

A new Benchmark in Flat Panel Touch Displays

At 3M Touch Systems, we envisioned a touch monitor that would set a new standard of excellence. By combining our current and future touch technologies with a monitor form factor that is a breakthrough in display design, a new benchmark for touch displays has been created. This new design combines patent-pending features with the quality, accuracy and durability of 3M touch screen technology to create an innovative touch display solution. It's what you'd expect from a leader in innovation. It's what you'd expect from 3M.

Making the Difference

At 3M Touch Systems, we know each touch monitor application has a unique set of requirements. That's why the MicroTouch M150 FPD monitor is offered with a choice of capacitive or resistive touch technology.

MicroTouch ClearTek capacitive touch technology provides accuracy and sensitivity to the user's touch while offering outstanding durability and resistance to contaminants such as dirt, liquids, and harsh chemicals. Our 5-wire resistive technology not only provides contaminant resistance, but is responsive to the touch of stylus as well as fingernails, credit cards, gloved hands and bare fingers.

Specifications

MicroTouch™ M150 FPD Touch Monitor

15"

FUNCTIONAL FEATURES

| | |
|--|--|
| LCD Technology | TFT, Active Matrix |
| Display Colors | 16M |
| Pixel Pitch | .297 mm |
| Brightness w/o touch screen | 250 cd/m ² typical |
| Brightness with touch screen (max.)¹ | 215 cd/m ² typical |
| Contrast Ratio | 350:1 |
| Response Time | 25 ms typical |
| Viewing Angle (from center) | Horizontal: 150 degrees total typical Vertical: 135 degrees total typical |
| Front Panel Buttons | Menu, Select, Adjust, Power |
| On Screen Display Controls | Brightness, Contrast, Horizontal/Vertical Position, Clock, Phase, Auto Phase, Color, |
| Maximum Resolution | 1024 x 768 |
| Number of Allowable Unlit Pixels | 10 |
| Operating Environment | Operating Temperature: 0 to 50 degrees C Relative Humidity, Non-condensing 85% |
| Storage Environment | -20 to +60 degrees C |



Key hole pattern provides additional security.

PHYSICAL FEATURES

| | |
|---|---|
| Physical Dimensions (WxHxD) (Depth includes base) | 408 x 398.3 x 258.7 mm 16.1 x 15.7 x 10.2 inches |
| Display Area (WxH) | 304.1 x 228.1 mm 12 x 9 inches |
| Video Cable Connector | 15-pin D-sub |
| Power Supply | 12V DC Power Supply |
| Power Savings² | DPMS, VESA Compliant |
| Power Consumption | <28W, Normal Operation |
| Backlight Life | 50,000 hrs. typical |
| Weight (Net) | 7.4 kg/16.3 lbs. |
| Agency Approvals | FCC B, CE, UL/cUL, C-Tick, VCCI, CCC |
| Mounting Options | VESA mounting compatible, 75mm |
| Multimedia | Yes |
| Color Option | Available in Black |
| Controller Option³ | Serial, USB |
| Warranty | 3 Years FPD 5 Years Touch Sensor and Components |



Peripheral Attachment System

- (1) Brightness measured using MicroTouch capacitive C-etch sensor.
- (2) DPMS: Display power management signaling for reduced power consumption during non-use.
- (3) USB Option, call for availability.

NOTICE: Given the variety of factors that can affect the use and performance of a 3M Touch Systems Product (the "Product"), including that solid state equipment has operation characteristics different from electromechanical equipment, some of which factors are uniquely within User's knowledge and control, it is essential that User evaluate the 3M Touch Systems Product and software to determine whether it is suitable for User's particular purpose and suitable for User's method of application. 3M Touch Systems' statements, engineering/technical information, and recommendations are provided for User's convenience, but their accuracy or completeness is not warranted. 3M Touch Systems products and software are not specifically designed for use in medical devices as defined by United States federal law. 3M Touch Systems products and software should not be used in such applications without 3M Touch Systems' express written consent. User should contact its sales representative if User's opportunity involves a medical device application.

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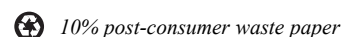


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